

JavaScript - Dialog Boxes

JavaScript supports three important types of dialog boxes. These dialog boxes can be used to raise and alert, or to get confirmation on any input or to have a kind of input from the users. Here we will discuss each dialog box one by one.

Alert Dialog Box

An alert dialog box is mostly used to give a warning message to the users. For example, if one input field requires to enter some text but the user does not provide any input, then as a part of validation, you can use an alert box to give a warning message.

Nonetheless, an alert box can still be used for friendlier messages. Alert box gives only one button "OK" to select and proceed.

Example

```
<html>
  <head>
    <script type = "text/javascript">
      <!--
        function Warn() {
          alert ("This is a warning message!");
          document.write ("This is a warning message!");
        }
      //-->
    </script>
  </head>

  <body>
    <p>Click the following button to see the result: </p>
    <form>
      <input type = "button" value = "Click Me" onclick = "Warn();" />
    </form>
  </body>
</html>
```

Output

Confirmation Dialog Box

A confirmation dialog box is mostly used to take user's consent on any option. It displays a dialog box with two buttons: **OK** and **Cancel**.

If the user clicks on the OK button, the window method **confirm()** will return true. If the user clicks on the Cancel button, then **confirm()** returns false. You can use a confirmation dialog box as follows.

Example

```
<html>
```

```

<head>
  <script type = "text/javascript">
    <!--
      function getConfirmation() {
        var retVal = confirm("Do you want to continue ?");
        if( retVal == true ) {
          document.write ("User wants to continue!");
          return true;
        } else {
          document.write ("User does not want to continue!");
          return false;
        }
      }
    <!-->
  </script>
</head>

<body>
  <p>Click the following button to see the result: </p>
  <form>
    <input type = "button" value = "Click Me" onclick = "getConfirmation();" />
  </form>
</body>
</html>

```

Output

Prompt Dialog Box

The prompt dialog box is very useful when you want to pop-up a text box to get user input. Thus, it enables you to interact with the user. The user needs to fill in the field and then click OK.

This dialog box is displayed using a method called **prompt()** which takes two parameters: (i) a label which you want to display in the text box and (ii) a default string to display in the text box.

This dialog box has two buttons: **OK** and **Cancel**. If the user clicks the OK button, the window method **prompt()** will return the entered value from the text box. If the user clicks the Cancel button, the window method **prompt()** returns **null**.

Example

The following example shows how to use a prompt dialog box –

```

<html>
<head>
  <script type = "text/javascript">
    <!--
      function getValue() {
        var retVal = prompt("Enter your name : ", "your name here");

```

```
        document.write("You have entered : " + retVal);
    }
    //-->
</script>
</head>

<body>
  <p>Click the following button to see the result: </p>
  <form>
    <input type = "button" value = "Click Me" onclick = "getValue();" />
  </form>
</body>
</html>
```

Output

Click the following button to see the result:

Click Me